

MCCMNC	PLMNID	Operator	Country	2G Shutdown Date (M/D/Y)	3G Shutdown Date (M/D/Y)
27602	ALBVF	Vodafone	Albania	12/31/25	
344030	ATG03	APUA	Antigua and Barbuda	shutdown finished	
72234	ARGTP	Telecom Argentina	Argentina		Starting in Q1/2023 Final shutdown 31.12.2023
50502	AUSOP	Optus	Australia	shutdown finished	9/1/24
50501	AUSTA	Telstra	Australia	shutdown finished	6/30/24
50503	AUSVF	Vodafone	Australia	shutdown finished	1/10/24
23205	AUTCA	Hutchison Drei Austria GmbH	Austria	no specific planning	no specific planning
23203	AUTMM	T-Mobile Austria	Austria	no specific planning	3G phase out begins January 1st, 2024
23201	AUTPT	A1 Telekom Austria	Austria	no sunset planned as necessary for M2M	12/31/25
42601	BHRBT	Batelco	Bahrain	shutdown finished	
42604	BHRST	STC	Bahrain		10/31/23
47001	BGDGP	Grameenphone	Bangladesh	12/31/25	12/31/26
20620	BELKO	Telenet Group NV/SA	Belgium	12/31/27	30.09..2024
20610	BELMO	Orange Belgium NV/SA	Belgium	12/31/30	12/31/25
20601	BELTB	Proximus PLC	Belgium	no specific planning	12/31/24
350000	BMUBD	Bermuda Digital Communications	Bermuda	shutdown finished	no specific planning
338050	JAMDC	Telecommunications (Bermuda and West Indies) Ltd	Bermuda	10/31/23	
21890	BIHPT	BH Telecom JSC Sarajevo	Bosnia and Herzegovina		6/1/25
52811	BRNDS	Datastream Technology Sdn Bd	Brunei	shutdown finished	
28401	BGR01	A1 Bulgaria	Bulgaria		12/31/25
45602	KHMK4	Smart Axiata	Cambodia		shutdown finished
302610	CANBM	Bell Mobility Inc.	Canada	no 2G network operator	no specific planning
302720	CANRW	Rogers	Canada	no specific sunset planning 1900 Frequency sunset as per 07.06.2021	no specific sunset planning 1900 MHz frequency sunset as per 07.06.2021
338050	JAMDC	Digicel Cayman	Cayman Islands	shutdown finished	
46000	CHNCT	China Mobile	China	no specific planning	no specific planning
46001	CHNCU	China Unicom	China	shutdown finished	12/31/24
73001	CHLMV	Entel PCS Telecomunicaciones	Chile		11/30/24
73002	CHLTM	Telefonica Moviles Chile S.A.	Chile	12/31/23	
732101	COLCM	Comunicacion Celular S.A.	Columbia	postponed	12/31/25
732111	COLCO	Colombia Movil S.A.	Columbia	shutdown finished	
71204	CRITC	Liberty Costa Rica	Costa Rica	12/31/23	
21901	HRVCN	Croatian Telecom Inc.	Croatia	earliest 2025	During 2024
21910	HRVVI	Vip Net GSM	Croatia	no sunset planned as necessary for M2M	
28001	CYPCT	Vodafone Cyprus	Cyprus	no specific planning	12/31/25
28020	CYPPT	Primetel	Cyprus		shutdown finished
23003	CZECEM	Vodafone	Czech Republic	12/31/25	shutdown finished
23002	CZEET	O2	Czech Republic	Earliest end of 2025	shutdown finished
23001	CZERM	T-Mobile	Czech Republic	12/31/25	shutdown finished
23802	DNKDM	Telenor A/S	Denmark	no specific planning	shutdown finished
23806	DNKHU	Hi3G Denmark ApS	Denmark	no 2G network operator	12/31/25
23820	DNKIA	Telia Nattjanster Norden AB	Denmark	no specific planning	shutdown finished
23801	DNKTD	Nuuday A/S	Denmark	no sunset planned	12/31/23
74001	ECUPG	Conecel S.A.	Ecuador	12/31/23	12/31/25
24801	ESTEM	Telia Eesti AS	Estonia	no specific planning	12/31/23

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24803	ESTRB	Tele2 Eesti AS	Estonia		12/31/25
24412	FIN2G	DNA Plc	Finland	12/31/25	Process starting in May 2023 Closure date: 31.12.2024
24414	FINAM	Alands Telekommunikation Ab	Finland	12/31/25	
24405	FINRL	Elisa Corporation	Finland		12/31/23
24491	FINTF	Telia Finland Oyj	Finland	no specific planning	12/31/23
20801	FRAF1	Orange France	France	12/31/25	12/31/28
20810	FRAF2	SFR	France	12/31/26	12/31/28
20820	FRAF3	Bouygues Telecom France	France	12/31/26	12/31/29
26201	DEUD1	Telekom	Germany		shutdown finished
26202	DEUD2	Vodafone	Germany	12/31/25	shutdown finished
26207	DEUE2	Telefonica	Germany	no specific planning	shutdown finished
20201	GRCCO	Cosmote	Greece		shutdown finished
20205	GRCPF	Vodafone	Greece	no specific planning	shutdown finished
20210	GRCSH	Wind Tre	Greece	no specific planning	shutdown finished
29001	GRLTG	Tele Greenland A/S	Greenland		EOY 2023
310470	GUMHT	Docomo Pacific	Guam, Saipan, Northern Mariana Islands	shutdown finished	
45403	HKGH3	Hutchison Telecommunications Hong Kong Holdings Limited	Hong Kong	shutdown finished	
45412	HKGPP	China Mobile Hong Kong	Hong Kong	No plans for 2G shutdown	
45406	HKGSM	Smartone Hong Kong	Hong Kong	shutdown finished	
45400	HKGTC	Hong Kong Telecommunications (HKT) Limited	Hong Kong		
21601	HUNH1	Yettel Hungary	Hungary		10/31/23
21630	HUNH2	Magyar Telekom Plc.	Hungary		shutdown finished
21670	HUNVR	Vodafone	Hungary	12/31/25	11/30/23
27401	ISLPS	Síminn hf	Iceland	12/31/24	12/31/25
27402	ISLTL	Sýn hf.	Iceland	12/31/25	12/31/25
27411	ISLNO	Nova	Iceland	no 2G network operator	12/31/25
40474	INDWB	Bharat Sanchar Nigam Limited	India		12/31/24
404XX/405XX	INDxx	Bharti Airtel	India		shutdown finished
404XX	INDxx	Vodafone Idea	India	no specific planning	shutdown work in progress
51001	IDNSL	PT Indosat Tbk	Indonesia		shutdown finished
51010	IDNTS	Telkomsel	Indonesia		shutdown finished
51011	IDNEX	XL Axiata	Indonesia	no specific planning	shutdown finished
43211	IRN11	Mobile Telecommunication Company of Iran	Iran		2024
27201	IRLEC	Vodafone	Ireland		1/31/24
27205	IRLH3/IRLDF	Three Ireland (Hutchison) Limited	Ireland	1/10/25	
23458	GBRMT	Manx Telecom	Isle of Man	no specific planning	no specific planning
42501	ISR01	Partner Communications Company	Israel	12/31/25	12/31/25
42507	ISRMS	Hot Mobile Ltd.	Israel	12/31/25	12/31/25
42503	ISRPL	Pelephone Communications Ltd.	Israel	12/31/25	12/31/25
22210	ITAOM	Vodafone Italy	Italy	no specific planning	shutdown finished
22201	ITASI	Tim Italia	Italy	no specific planning	shutdown finished
22288	ITAWI	Wind Tre	Italy	no specific planning	no specific planning
338180	JAMK9	Cable & Wireless	Jamaica	shutdown finished	
44010	JPNDO	NTT Docomo	Japan	no 2G network operator	Decommission of 2.1 GHz band on 01.01.2022 sunset scheduled for March 2026

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44020	JPNJP	Softbank Corp.	Japan	no 2G network operator	1/31/24
23403	GBRAJ	Airtel	Jersey	shutdown finished	no specific planning
23450	GBRJT	Jersey Telecom	Jersey	no specific planning	no specific planning
41603	JORUM	Umniah Mobile Company	Jordan	shutdown finished	
45008	KORKF	KT Corporation	Korea, Republic of	no 2G network operator	no specific planning
41903	KWTNM	National Mobile Telecommunications Company	Kuwait		shutdown finished
24701	LVALM	Latvijas Mobilais Telefons SIA	Latvia		12/31/25
29502	LIEVE	Salt (Liechtenstein) AG	Liechtenstein	shutdown finished	no specific planning
29505	LIEMK	Telecom Liechtenstein AG	Liechtenstein	no specific planning	12/31/23
24601	LTUOM	Telia Lithuania	Lithuania	12/31/28	shutdown finished
24603	LTU03	UAB Tele2	Lithuania	12/31/28	
27001	LUXPT	Post Luxembourg	Luxembourg	12/31/26	shutdown finished
27077	LUXTG	Proximus Luxembourg S.A	Luxembourg		1/1/24
27099	LUXVM	Orange Communications Luxembourg	Luxembourg		12/31/25
45501	MACCT	Companhia de Telecomunicações de Macau, S.A.R.L.	Macau	shutdown finished	
45500	MACSM	Smartone	Macau	shutdown finished	
29401	MKDMM	Makedonski Telekom AD Skopje	Macedonia	2026 or later	postponed, but likely in 2023
50212	MYSBC	Maxis Broadband Sdn. Bhd.	Malaysia		shutdown finished
50219	MYSCC	Celcom Axiata Berhad	Malaysia		shutdown finished
50218	MYSK7	U Mobile Sdn Bhd	Malaysia	no 2G network operator	shutdown finished
50216	MYSMT	Digi	Malaysia	no specific planning	shutdown finished
334030	MEXMS	Pegaso PCS	Mexico	shutdown finished	
25901	MDAVX	Orange Moldova S.A.	Moldova		12/31/25
21210	MCOM2	Monaco Telecom	Monaco	shutdown finished	no specific planning
29703	MNEK8	MTEL d.o.o. Podgorica	Montenegro	1/1/25	1/1/25
29702	MNETM	CRNOGORSKI TELEKOM A.D.	Montenegro	2027	12/31/24
41406	MMRTN	Telenor	Myanmar	12/31/24	12/31/25
20404	NLDLT	Vodafone	Netherlands	12/31/25	shutdown finished
20416	NLDPN	Oido	Netherlands	Shutdown starting on 01.06.2023	not yet scheduled
20408	NLDPT	KPN B.V.	Netherlands	Earliest April 2025	shutdown finished
36251	ANTK9	Telcell	Netherlands Antilles	shutdown finished	
54601	NCLPT	OPT	New Caledonia	1/1/25	1/1/30
53001	NZLBS	One NZ	New Zealand	12/31/25	8/31/24
53024	NZLNH	2degrees	New Zealand	shutdown finished	12/31/25
62130	NGAK8	MTN Nigeria	Nigeria		12/11/25
24202	NORNC	Telia	Norway	12/31/25	shutdown finished
24201	NORTM	Telenor Norge AS	Norway	12/31/25	shutdown finished
42203	OMNNT	Ooredoo	Oman		process starting now (July 2023) finished in Q4 2024
41007	PAKWA	Pakistan Mobile Communications	Pakistan		12/31/23
71610	PERTM	América Móvil Perú S.A.C.	Peru	12/31/24	12/31/26
51503	PHLSR	Smart Communications, Inc.	Philippines		12/31/23
26002	POL02	T-Mobile Polska S.A.	Poland	12/31/30	shutdown finished
26003	POL03	Orange Polska S.A.	Poland	12/31/30	12/31/25
26801	PRTTL	Vodafone	Portugal	12/31/25	no specific planning

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26806	PRTTM	MEO	Portugal		Shutdown starting now, ending 31.01.2024"
22603	ROMCS	Telekom Romania Mobile Communications S.A.	Romania	Some refarming in 2023 and closing in 2029	Shutdown still in progress (without target date)
22610	ROMMR	S.C. Orange România S.A.	Romania	12/31/30	12/31/25
42001	SAUAJ	Saudi Telecom Company (STC)	Saudi Arabia	End of 2025	shutdown finished
22005	SRBNO	VIP mobile d.o.o.	Serbia	no sunset planned as necessary for M2M	
52503	SGPM1	M1	Singapore	shutdown finished	7/31/24
52505	SGPSH	StarHub	Singapore	shutdown finished	7/31/24
52501	SGPST	SingTel	Singapore	shutdown finished	7/31/24
23102	SVKET	Slovak Telekom, a.s.	Slovakia	no specific planning	12/31/23
23101	SVKGT	Orange Slovensko, a.s.	Slovakia	12/31/30	1/1/24
29340	SVNSM	A1 Slovenija d.d.	Slovenia	12/31/30	Mid of August 2023
29341	SVNMT	Telekom Slovenije d.d.	Slovenia		shutdown finished
65502	ZAFK8	Telkom	South Africa	2G shutdown in progress no sunset date provided	3/31/25
65507	ZAFCC	Cell C	South Africa	6/30/24	3/31/25
65510	ZAFMN	MTN	South Africa	6/30/24	12/31/25
21401	ESPAT	Vodafone	Spain	12/31/25	
21403	ESPRT	Orange	Spain	no specific planning	12/31/25
21407	ESPTTE	Telefonica	Spain	no specific planning	2025
21404	ESPXF	Xfera	Spain	no 2G network operator	no specific planning
41301	LKA71	Mobitel (Pvt) Limited	Sri Lanka		6/30/23
41305	LKAAT	Bharti Airtel	Sri Lanka		shutdown finished
360110	VCTK9	Flow	St. Vincent and Grenadines		
24008	SWEEP	Telenor Sverige AB	Sweden	no specific planning	12/31/25
24007	SWEIQ	Tele 2	Sweden	12/31/25	12/31/24
24002	SWEHU	Hi3G	Sweden		12/31/25
24001	SWETR	Telia	Sweden		12/31/23
22801	CHEC1	Swisscom Mobile	Switzerland	shutdown finished	12/31/25
22802	CHEDX	Sunrise	Switzerland	shutdown finished	12/31/24
22803	CHEOR	Salt	Switzerland	shutdown finished (Still a few sites available in some remote areas. They will be replaced over time.)	
46601	TWNFE	FarEast Tone	Taiwan	shutdown finished	12/31/23
46692	TWNLD	Chungwa	Taiwan	shutdown finished	6/30/24
46697	TWNPC	Taiwan Mobile	Taiwan	shutdown finished	6/30/24
52005	THAK8	dtac TriNet Co., Ltd.	Thailand	no 2G network operator	12/31/25
42403	AREDU	Emirates Integrated Telecommunications Company PJSC	UAE	Q4 2023	
42402	ARETC	ETC	UAE	Q4 2023	
23410	GBRCN	Virgin Media O2	United Kingdom		End of 2025
23420	GBRHU	Hutchison 3G UK Ltd	United Kingdom		12/31/24
23430	GBRME/GBROR	EE	United Kingdom		Beginning on 01.01.2024/closure on 31.12.2024 decommissioning starting in Feb 2023 full network 31.12.2023
23415	GBRVF	Vodafone	United Kingdom		
310410	USACG	AT&T	USA	shutdown finished	shutdown finished
310450	USACI	Viaero	USA	shutdown finished	Beginning on 01.01.2024/no final date
310320	USAK5	Smith Bagley Inc	USA	12/29/23	
310020	USAK8	Union Wireless	USA	shutdown finished	End of September 2023
310260	USAW6	TMUS	USA	4/2/24	shutdown finished

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73402	VEND2	Corporacion Digitel C.A.	Venezuela	12/31/25	
73404	VENMS	Telefonica Venezolana, C.A.	Venezuela	12/31/25	
45204	VNMK8	Viettel	Vietnam		shutdown finished
45201	VNMMO	MobiFone	Vietnam	no specific planning	
45202	VNMVI	VNPT International	Vietnam	no specific planning	